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2811  
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\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Admitted only in Texas  
\*Practice Limited to  
Federal Agencies

October 11, 2002

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Commissioner for Patents  
Washington, D.C. 20231

Art Unit 2811

Re: U.S. Utility Patent Application  
Appl. No. 09/742,366; Filed: December 22, 2000  
For: **Enhanced Die-up Ball Grid Array and Method for Making the Same**  
Inventors: Khan *et al.*  
Our Ref: 1875.0200000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Second Supplemental Information Disclosure Statement;
2. PTO Fee Transmittal (Form PTO/SB/17);
3. Form PTO-1449 listing cited documents (AA1, AB1, AC1, AD1, AE1, AF1, AG1, AH1, AI1, AJ1, AK1, AL1, AN1, AO1, AP1, AQ1, AA2, AB2, AC2, AD2, AE2, AF2, AG2, AH2, AI2, AA3, AB3, AC3, and AD3);
4. Copies of documents cited on Form PTO-1449;
5. Reply Under 37 C.F.R. § 1.111;
6. Letter to PTO Draftsman: Submission of Formal Drawings;
7. 21 sheets of Formal Drawings (Figures 1A, 1B, 2A-2C, 3-8, 9A, 9B, 10A, 10B, 11, 12A-12C, 13-15, 16A-16D, 17, 18, 19A-19C, 20, 21);

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October 11, 2002  
Page 2

8. Return postcard; and
9. Our check no. 36994 for \$180.00 to cover fee for late submission of IDS.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey S. Weaver  
Attorney for Applicants  
Registration No. 45,608

JSW/asl  
Enclosures

SKGF\_DC1:50131.1

O I P E

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FEE TRANSMITTAL  
for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number	1875.0200000
Filing Date	December 22, 2000
First Named Inventor	Reza-ur Rahman Khan
Examiner Name	Nitin Parekh
Group Art Unit	2811
Attorney Docket No.	1875.0200000

TOTAL AMOUNT OF PAYMENT

(\$ 180.00)

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account  
Number

19-0036

Deposit Account  
Name

Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.

- ☐ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status  
See 37 CFR 1.27

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	\$180.00
581	40	481	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify):

Other fee (specify):

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

## 2. EXTRA CLAIM FEES

Extra	Fee from below	Fee Paid
Total Claims - 29** =	X	=
Indep. Claims - 3 ** =	X	=
Multiple Dependent	=	=


Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim
108	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\* or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Jeffrey S. Weaver	Registration No. (Attorney/Agent)	45,608	Telephone	202-371-2600
Signature				Date	10-11-02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Khan *et al.*

Appl. No. 09/742,366

Filed: December 22, 2000

For: **Enhanced Die-Up Ball Grid Array  
and Method for Making the Same**

Art Unit: 2811

Examiner: Nitin Parekh

Atty. Docket: 1875.02000000

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**Letter to PTO Draftsman: Submission of Formal Drawings**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are twenty-one (21) sheets of formal drawings with Figures 1A, 1B, 2A-2C, 3-8, 9A, 9B, 10A, 10B, 11, 12A-12C, 13-15, 16A-16D, 17, 18, 19A-19C, 20, 21, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey S. Weaver  
Attorney for Applicants  
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Date: 10-11-02

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